



September 29, 1994

Mr. Thomas Hilbert  
Environmental Engineer  
Winnebago Reclamation  
8403 Lindenwood Road  
Rockford, Illinois 61109



Re: Winnebago Reclamation Program 3  
Sampled August 1994

Dear Mr. Hilbert:

Enclosed are the analytical results, diskette and chain-of-custody for the samples collected in August 1994. Please feel free to call if you have any questions.

Sincerely,

WARZYN INC.

Sheila M. Tauschek  
Project Manager

Enclosures: As Stated

cc: S. Tauschek

SMT/kaf/GLG  
G:\DMGMT\LETTERS\55006603.WPD  
55006603



## STANDARD REPORT FOOTNOTES

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4717  
FAX (608) 231-4777

- A1 Elevated quantitation limit due to low sample volume.
- A2 Elevated quantitation limit necessary to overcome interference.
- A3 Elevated quantitation limit necessary to overcome difficult matrix.
- A4 Result should be considered estimated with possible low bias due to unknown interference.
- A5 Result should be considered estimated with possible low bias due to difficult matrix.
- A6 Result should be considered estimated with possible low bias as indicated by method QC.
- A7 Result should be considered estimated with possible high bias due to unknown interference.
- A8 Result should be considered estimated with possible high bias due to difficult matrix.
- A9 Result should be considered estimated with possible high bias as indicated by method QC.
- A10 Result should be considered estimated due to non-homogeneous sample matrix.
- A11 Sample received past recommended hold time.
- A12 Analysis requested past recommended hold time.
- A13 Initial analysis performed within hold time; confirmation analysis performed past recommended hold time. Results from repeat analysis are reported.
- A14 Initial analysis performed within hold time; necessary dilution performed past recommended hold time. Results from repeat analysis are reported.
- A15 Result should be considered estimated with possible high bias; analyte detected in method blank.
- A16 Elevated quantitation limit indicated by batch QC.
- M2 Total analysis performed.
- M3 Total analysis performed due to insufficient solid for TCLP extraction.
- W1 Sample contained <0.5% solids; filtered sample was analyzed as the TCLP extract.
- G1 Result should be considered estimated, concentration exceeds working calibration range.
- G2 Elevated quantitation limit due to the concentration of petroleum hydrocarbons in the sample.
- G3 Elevated quantitation limit due to the concentration of non-specific hydrocarbons in the sample.
- G4 Analyte coelutes with \_\_\_\_\_; result calculated from calibration standards in a 1:1 ratio of these two compounds.
- G5 Sample required extensive cleanup; Endrin Aldehyde is not recovered from these techniques.
- G6 Petroleum-type odor detected from this sample.
- G7 Elevated quantitation limit due to the concentration of PCBs in the sample.
- G8 Result should be considered estimated with possible high bias due to coelution with an additional hydrocarbon product.
- G9 Results are influenced by the presence of extraneous peaks which are not representative of petroleum hydrocarbon products.
- G10 Presence of one or more unidentified peaks eluting earlier than the retention time window.
- G11 Presence of one or more unidentified peaks eluting later than the retention time window.
- G12 Result is estimated. The method used is a screening procedure for this compound.
- G13 Measurement performed using test strips.
- G14 Measurement upon receipt performed using test strips.
- G15 n-Nitrosodiphenylamine decomposes in the GC inlet and cannot be separated from Diphenylamine.
- G16 Measurement upon receipt performed using test strips. Adjusted to pH <2.
- G17 Results are influenced by the presence of extraneous peaks which are not representative of petroleum hydrocarbon products. Final results pending GC/MS confirmation.



## METHOD REFERENCES

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Analytes	Aqueous	Non-Aqueous
Acidity	305.2	-
Alkalinity, Total	310.1 / 310.2	-
Alkalinity, Phenolphthalein	SM2320	-
Alkalinity, Bicarbonate	SM2320	-
Alkalinity, Carbonate	SM2320	-
BOD-5 day	SM5210,4500-0	-
Carbon, Percent Organic	-	29-3.5.3
Carbon, Total Organic (TOC)	415.1	-
Chloride	325.2	-
Chlorine, Residual	330.3	-
Chromium, Hexavalent	SM3500D	-
COD	410.4	-
Cyanide, Total	335.3	9012
Cyanide, Amenable	335.1	9012
Cyanide, Reactive	SW7.3	SW7.3
Density	SM2710F	SM2710F
Flashpoint, Closed Cup	SW1010	SW1010
Flashpoint, Open Cup	ASTMD4206	ASTMD4206
Fluoride	340.2	-
Hardness, Total	130.1	-
Nitrogen, Ammonia	350.2	350.2
Nitrogen, Nitrate	353.2	-
Nitrogen, Nitrite	353.2	-
Nitrogen, Nitrate+Nitrite	353.2	-
Nitrogen, Total Kjeldahl (TKN)	351.3	351.3
Nitrogen, Total Organic (TON)	350.2 & 351.3	350.2 & 351.3
Oil & grease	413.1	9071
Oil & grease (Non-polar)	5520F	-
Paint Filter Test	9095	9095
pH	150.1	9045
Phenol, Total	420.2	9066
Phosphorus, Total	365.1	365.1
Phosphorus, Ortho	365.2	-
Solids, Total	160.3	160.3
Solids, Total Dissolved	160.1	-
Solids, Total Suspended	160.2	-
Solids, Total Volatile	160.4	-
Solids, Total Volatile Suspended	160.4	-
Specific Conductance	120.1	-
Specific Weight	SM2710F	SM2710F
Sulfate	375.2	-
Sulfide, Total	376.1	9030
Sulfide, Reactive	SW7.3	SW7.3
Sulfite	377.1	-
Turbidity	180.1	-
TRPH	418.1 & 9073	418.1 & 9073

SW846, "Test Methods for Evaluating Solid Waste", 3rd Ed., December 1987.

EPA-600, "Methods for Chemical Analysis of Water and Wastes", March 1984.

Standard Methods for the Examination of Water and Wastewater", 17th Edition, 1989.

ASTM, Annual Book of American Society for Testing and Materials Standards, 1983, Volume 6.01.

Methods for Soil Analysis, 2nd Ed.



MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

### METHOD REFERENCES

Analytes	Soil/Groundwater				Wastewater			
	ICP	Flame	Furnace	CV	ICP	Flame	Furnace	CV
Aluminium	6010	7020	-	-	200.7	202.1	-	-
Antimony	6010	7040	7041	-	200.7	-	204.2	-
Arsenic	6010	-	7060	-	200.7	-	206.2	-
Barium	6010	7080	7081	-	200.7	208.1	208.2	-
Beryllium	6010	7090	7091	-	200.7	210.1	210.2	-
Boron	6010	-	-	-	200.7	-	-	-
Cadmium	6010	7130	7131	-	200.7	213.1	213.2	-
Calcium	6010	7140		-	200.7	215.1	-	-
Chromium, Total	6010	7190	7191	-	200.7	218.1	218.2	-
Cobalt	6010	7200	-	-	200.7	219.1	-	-
Copper	6010	7210	-	-	200.7	220.1	-	-
Iron	6010	7380	-	-	200.7	236.1	-	-
Lead	6010	7420	7421	-	200.7	239.1	239.2	-
Magnesium	6010	7450	-	-	200.7	242.1	-	-
Manganese	6010	7460	-	-	200.7	243.1	-	-
Mercury	-	-	-	7470/7471				245.1
Molybdenum	6010	7480	-	-	200.7	246.1	-	-
Nickel	6010	7520	-	-	200.7	249.1	-	-
Potassium	-	SM3500D	-	-	-	SM3500D	-	-
Selenium	6010	-	7740	-	200.7	-	270.2	-
Silver	6010	7760	7761	-	200.7	272.1	272.2	-
Sodium	6010	SM3500D	-	-	200.7	SM3500D	-	-
Strontium	6010	-	-	-	200.7	-	-	-
Thallium	6010	7840	7841	-	200.7	279.1	279.2	-
Tin	6010	-	-	-	200.7	-	-	-
Titanium	6010	-	-	-	200.7	-	-	-
Vanadium	6010	7910	7911	-	200.7	286.1	286.2	-
Zinc	6010	7950	-	-	200.7	289.1	-	-

SW846, "Test Methods for Evaluating Solid Waste", 3rd Ed., December 1987.

EPA-600, "Methods for Chemical Analysis of Water and Wastes", March 1984.

Standard Methods for the Examination of Water and Wastewater", 17th Edition, 1989.


  
**WARZYN**

MADISON  
 ONE SCIENCE COURT  
 P.O. BOX 5385  
 MADISON, WI 53705  
 (608) 231-4747  
 FAX (608) 231-4777

**INORGANIC REPORT**  
**WINNEBAGO RECLAMATION LANDFILL**  
**ROCKFORD IL**  
**Project Number: 55006603**

Sample #	Description	Test	Result	Reporting Limit	Matrix	Units	Sample Date	Analysis Date
L9094-001	R105 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	08-SEP-94
		Carbon, Total Organic	2.5	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	15	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-002	G111 UNFILTERED	Aluminum	67.7	0.05	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Antimony	< 0.05	0.05	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	08-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	27	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-003	G111A UNFILTERED	Aluminum	0.49	0.05	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Antimony	< 0.05	0.05	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	24	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-004	R22S UNFILTERED	Aluminum	52.2	0.05	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Antimony	< 0.05	0.05	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Boron	0.14	0.10	GroundH2O	mg/L	16-AUG-94	08-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	73	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	0.011	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-005	E1A UNFILTERED	Aluminum	< 0.05	0.05	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Antimony	< 0.05	0.05	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	31	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

INORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

Sample #	Description	Test	Result	Reporting Limit	Matrix	Units	Sample Date	Analysis Date
L9094-006	G123 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	28	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-007	E2 UNFILTERED	Boron	0.14	0.10	GroundH2O	mg/L	16-AUG-94	08-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	5	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	0.24	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	0.025	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-008	E2A UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	08-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	27	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-009	G125 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	28	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	06-SEP-94
L9094-010	G124 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	08-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	29	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	0.006	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-011	G127 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	27	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94

WARZYN

MADISON  
 ONE SCIENCE COURT  
 P.O. BOX 5385  
 MADISON, WI 53705  
 (608) 231-4747  
 FAX (608) 231-4777

INORGANIC REPORT  
 WINNEBAGO RECLAMATION LANDFILL  
 ROCKFORD IL  
 Project Number: 55006603

Sample #	Description	Test	Result	Reporting Limit	Matrix	Units	Sample Date	Analysis Date
L9094-012	G26S UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	29	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-013	G26D UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	06-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	29	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	02-SEP-94
L9094-014	G128 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	08-SEP-94
		Carbon, Total Organic	17	1.0	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Chloride	45	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Nitrogen, Ammonia	0.35	0.10	GroundH2O	mg/L	16-AUG-94	02-SEP-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	16-AUG-94	07-SEP-94
L9094-015	R105 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	14	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	740	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-016	G111 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	27	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	390	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-017	G111A FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	24	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	386	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-018	R22S FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	75	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	620	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-019	E1A FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	30	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	416	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94



INORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Sample #	Description	Test	Result	Reporting Limit	Matrix	Units	Sample Date	Analysis Date
L9094-020	G123 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	26	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	404	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-021	E2 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	5	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	650	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-022	E2A FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	26	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	404	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-023	G125 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	28	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	418	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-024	G124 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	28	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	386	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-025	G127 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	26	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	398	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-026	G26S FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	29	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	408	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-027	G26D FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	28	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	402	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94
L9094-028	G128 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	16-AUG-94	30-AUG-94
		Chloride	44	2	GroundH2O	mg/L	16-AUG-94	22-AUG-94
		Solids, Total Dissolved	636	20	GroundH2O	mg/L	16-AUG-94	19-AUG-94

WARZYN

INORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Sample #	Description	Test	Result	Reporting Limit	Matrix	Units	Sample Date	Analysis Date
L9094-029	B13 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94	08-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Chloride	44	2	GroundH2O	mg/L	17-AUG-94	22-AUG-94
		Nitrogen, Ammonia	0.33	0.10	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	17-AUG-94	07-SEP-94
L9094-030	P6 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94	08-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Chloride	21	2	GroundH2O	mg/L	17-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	17-AUG-94	07-SEP-94
L9094-031	G113 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94	06-SEP-94
		Carbon, Total Organic	1.1	1.0	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Chloride	28	2	GroundH2O	mg/L	17-AUG-94	22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	17-AUG-94	07-SEP-94
L9094-032	G113A UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94	08-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Chloride	69	2	GroundH2O	mg/L	17-AUG-94	29-AUG-94
		Nitrogen, Ammonia	0.16	0.10	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	17-AUG-94	07-SEP-94
L9094-033	R110 UNFILTERED	Boron	3.56	0.10	GroundH2O	mg/L	17-AUG-94	08-SEP-94
		Carbon, Total Organic	90	1.0	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Chloride	706	2	GroundH2O	mg/L	17-AUG-94	22-AUG-94
		Nitrogen, Ammonia	230	0.10	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Phenolics, Total	0.019	0.005	GroundH2O	mg/L	17-AUG-94	07-SEP-94
L9094-034	G114 UNFILTERED	Boron	0.17	0.10	GroundH2O	mg/L	17-AUG-94	08-SEP-94
		Carbon, Total Organic	4.9	1.0	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Chloride	45	2	GroundH2O	mg/L	17-AUG-94	22-AUG-94
		Nitrogen, Ammonia	1.94	0.10	GroundH2O	mg/L	17-AUG-94	02-SEP-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	17-AUG-94	07-SEP-94

WI Lab Certification ID#: 113138300

Chk'd: *Kaf* App'd: *ANT*  
Date App'd: 9/29/94

**WARZYN**

**INORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603**

**MADISON**  
 ONE SCIENCE COURT  
 P.O. BOX 5385  
 MADISON, WI 53705  
 (608) 231-4747  
 FAX (608) 231-4777

Sample #	Description	Test	Reporting			Sample Date	Analysis Date
			Result	Limit	Matrix		
L9094-035	BLANK 02 UNFILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94 08-SEP-94
		Carbon, Total Organic	< 1.0	1.0	GroundH2O	mg/L	17-AUG-94 02-SEP-94
		Chloride	< 2	2	GroundH2O	mg/L	17-AUG-94 22-AUG-94
		Nitrogen, Ammonia	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94 02-SEP-94
		Phenolics, Total	< 0.005	0.005	GroundH2O	mg/L	17-AUG-94 07-SEP-94
L9094-036	B13 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94 30-AUG-94
		Chloride	44	2	GroundH2O	mg/L	17-AUG-94 22-AUG-94
		Solids, Total Dissolved	732	20	GroundH2O	mg/L	17-AUG-94 19-AUG-94
L9094-037	P6 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94 30-AUG-94
		Chloride	21	2	GroundH2O	mg/L	17-AUG-94 22-AUG-94
		Solids, Total Dissolved	368	20	GroundH2O	mg/L	17-AUG-94 19-AUG-94
L9094-038	G113 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94 30-AUG-94
		Chloride	28	2	GroundH2O	mg/L	17-AUG-94 22-AUG-94
		Solids, Total Dissolved	720	20	GroundH2O	mg/L	17-AUG-94 19-AUG-94
L9094-039	G113A FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94 30-AUG-94
		Chloride	66	2	GroundH2O	mg/L	17-AUG-94 22-AUG-94
		Solids, Total Dissolved	880	20	GroundH2O	mg/L	17-AUG-94 19-AUG-94
L9094-040	R110 FILTERED	Boron	3.21	0.10	GroundH2O	mg/L	17-AUG-94 30-AUG-94
		Chloride	700	2	GroundH2O	mg/L	17-AUG-94 22-AUG-94
		Solids, Total Dissolved	2180	20	GroundH2O	mg/L	17-AUG-94 19-AUG-94
L9094-041	G114 FILTERED	Boron	0.20	0.10	GroundH2O	mg/L	17-AUG-94 30-AUG-94
		Chloride	54	2	GroundH2O	mg/L	17-AUG-94 22-AUG-94
		Solids, Total Dissolved	994	20	GroundH2O	mg/L	17-AUG-94 19-AUG-94
L9094-042	BLANK 02 FILTERED	Boron	< 0.10	0.10	GroundH2O	mg/L	17-AUG-94 30-AUG-94
		Chloride	< 2	2	GroundH2O	mg/L	17-AUG-94 22-AUG-94
		Solids, Total Dissolved	< 20	20	GroundH2O	mg/L	17-AUG-94 19-AUG-94

**WARZYN**

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

INORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

Footnotes

Sample #	Test	Footnote
L9094-002	Antimony	A6
L9094-003	Antimony	A6
L9094-004	Antimony	A6
L9094-005	Antimony	A6

**WARZYN**

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

PESTICIDE/PCB REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

Sample #	Description	Compound	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-002	-0441 UNFILTERED	alpha-BHC	< 0.050	0.050	GroundH2O	ug/L	
	AllS	beta-BHC	< 0.050	0.050	GroundH2O	ug/L	
		delta-BHC	< 0.050	0.050	GroundH2O	ug/L	
		gamma-BHC (Lindane)	< 0.050	0.050	GroundH2O	ug/L	
		Heptachlor	< 0.050	0.050	GroundH2O	ug/L	
		Aldrin	< 0.050	0.050	GroundH2O	ug/L	
		Heptachlor epoxide	< 0.050	0.050	GroundH2O	ug/L	
		Endosulfan I	< 0.050	0.050	GroundH2O	ug/L	
		Dieldrin	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDE	< 0.10	0.10	GroundH2O	ug/L	
		Endrin	< 0.10	0.10	GroundH2O	ug/L	
		Endosulfan II	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDD	< 0.10	0.10	GroundH2O	ug/L	
		Endosulfan sulfate	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDT	< 0.10	0.10	GroundH2O	ug/L	
		Endrin ketone	< 0.10	0.10	GroundH2O	ug/L	
		Methoxychlor	< 0.50	0.50	GroundH2O	ug/L	
		Endrin aldehyde	< 0.10	0.10	GroundH2O	ug/L	
		Chlordane (Technical)	< 0.50	0.50	GroundH2O	ug/L	
		Toxaphene	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1016	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1221	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1232	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1242	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1248	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1254	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1260	< 1.0	1.0	GroundH2O	ug/L	
		Alachlor	< 0.20	0.20	GroundH2O	ug/L	

Sample Date: 16-AUG-94  
Extract Date: 19-AUG-94  
Analysis Date: 19-AUG-94

  
**WARZYN**

**PESTICIDE/PCB REPORT**  
**WINNEBAGO RECLAMATION LANDFILL**  
**ROCKFORD IL**  
**Project Number: 55006603**

**MADISON**  
**ONE SCIENCE COURT**  
**P.O. BOX 5385**  
**MADISON, WI 53705**  
**(608) 231-4747**  
**FAX (608) 231-4777**

Sample #	Description	Compound	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-003	G111A UNFILTERED	alpha-BHC	< 0.050	0.050	GroundH2O	ug/L	
		beta-BHC	< 0.050	0.050	GroundH2O	ug/L	
		delta-BHC	< 0.050	0.050	GroundH2O	ug/L	
		gamma-BHC (Lindane)	< 0.050	0.050	GroundH2O	ug/L	
		Heptachlor	< 0.050	0.050	GroundH2O	ug/L	
		Aldrin	< 0.050	0.050	GroundH2O	ug/L	
		Heptachlor epoxide	< 0.050	0.050	GroundH2O	ug/L	
		Endosulfan I	< 0.050	0.050	GroundH2O	ug/L	
		Dieldrin	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDE	< 0.10	0.10	GroundH2O	ug/L	
		Endrin	< 0.10	0.10	GroundH2O	ug/L	
		Endosulfan II	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDD	< 0.10	0.10	GroundH2O	ug/L	
		Endosulfan sulfate	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDT	< 0.10	0.10	GroundH2O	ug/L	
		Endrin ketone	< 0.10	0.10	GroundH2O	ug/L	
		Methoxychlor	< 0.50	0.50	GroundH2O	ug/L	
		Endrin aldehyde	< 0.10	0.10	GroundH2O	ug/L	
		Chlordane (Technical)	< 0.50	0.50	GroundH2O	ug/L	
		Toxaphene	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1016	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1221	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1232	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1242	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1248	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1254	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1260	< 1.0	1.0	GroundH2O	ug/L	
		Alachlor	< 0.20	0.20	GroundH2O	ug/L	

Sample Date: 16-AUG-94  
Extract Date: 19-AUG-94  
Analysis Date: 19-AUG-94

**WARZYN**

PESTICIDE/PCB REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Sample #	Description	Compound	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-004	R22S UNFILTERED	alpha-BHC	< 0.050	0.050	GroundH2O	ug/L	
		beta-BHC	< 0.050	0.050	GroundH2O	ug/L	
		delta-BHC	< 0.050	0.050	GroundH2O	ug/L	
		gamma-BHC (Lindane)	< 0.050	0.050	GroundH2O	ug/L	
		Heptachlor	< 0.050	0.050	GroundH2O	ug/L	
		Aldrin	< 0.050	0.050	GroundH2O	ug/L	
		Heptachlor epoxide	< 0.050	0.050	GroundH2O	ug/L	
		Endosulfan I	< 0.050	0.050	GroundH2O	ug/L	
		Dieldrin	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDE	< 0.10	0.10	GroundH2O	ug/L	
		Endrin	< 0.10	0.10	GroundH2O	ug/L	
		Endosulfan II	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDD	< 0.10	0.10	GroundH2O	ug/L	
		Endosulfan sulfate	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDT	< 0.10	0.10	GroundH2O	ug/L	
		Endrin ketone	< 0.10	0.10	GroundH2O	ug/L	
		Methoxychlor	< 0.50	0.50	GroundH2O	ug/L	
		Endrin aldehyde	< 0.10	0.10	GroundH2O	ug/L	
		Chlordane (Technical)	< 0.50	0.50	GroundH2O	ug/L	
		Toxaphene	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1016	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1221	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1232	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1242	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1248	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1254	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1260	< 1.0	1.0	GroundH2O	ug/L	
		Alachlor	< 0.20	0.20	GroundH2O	ug/L	

Sample Date: 16-AUG-94  
Extract Date: 19-AUG-94  
Analysis Date: 19-AUG-94

**WARZYN**

PESTICIDE/PCB REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Sample #	Description	Compound	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-005	E1A UNFILTERED	alpha-BHC	< 0.050	0.050	GroundH2O	ug/L	
		beta-BHC	< 0.050	0.050	GroundH2O	ug/L	
		delta-BHC	< 0.050	0.050	GroundH2O	ug/L	
		gamma-BHC (Lindane)	< 0.050	0.050	GroundH2O	ug/L	
		Heptachlor	< 0.050	0.050	GroundH2O	ug/L	
		Aldrin	< 0.050	0.050	GroundH2O	ug/L	
		Heptachlor epoxide	< 0.050	0.050	GroundH2O	ug/L	
		Endosulfan I	< 0.050	0.050	GroundH2O	ug/L	
		Dieldrin	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDE	< 0.10	0.10	GroundH2O	ug/L	
		Endrin	< 0.10	0.10	GroundH2O	ug/L	
		Endosulfan II	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDD	< 0.10	0.10	GroundH2O	ug/L	
		Endosulfan sulfate	< 0.10	0.10	GroundH2O	ug/L	
		p,p'-DDT	< 0.10	0.10	GroundH2O	ug/L	
		Endrin ketone	< 0.10	0.10	GroundH2O	ug/L	
		Methoxychlor	< 0.50	0.50	GroundH2O	ug/L	
		Endrin aldehyde	< 0.10	0.10	GroundH2O	ug/L	
		Chlordane (Technical)	< 0.50	0.50	GroundH2O	ug/L	
		Toxaphene	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1016	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1221	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1232	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1242	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1248	< 0.50	0.50	GroundH2O	ug/L	
		PCB-1254	< 1.0	1.0	GroundH2O	ug/L	
		PCB-1260	< 1.0	1.0	GroundH2O	ug/L	
		Alachlor	< 0.20	0.20	GroundH2O	ug/L	

Sample Date: 16-AUG-94  
Extract Date: 19-AUG-94  
Analysis Date: 19-AUG-94

**WARZYN**

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

Sample #	Description	Test	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-001	R105 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	28-AUG-94				
L9094-002	G111 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	28	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	30-AUG-94				

Chk'd: Kaf App'd: JLT  
Date App'd: 9/29/94

**WARZYN**

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX: (608) 231-4777

Sample #	Description	Test	Reporting					
			Result	Limit	Matrix	Units	Footnotes	
L9094-003	G111A UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L		
		Benzene	< 5	5	GroundH2O	ug/L		
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L		
		cis-1,2-Dichloroethene	14	5	GroundH2O	ug/L		
		Ethylbenzene	< 5	5	GroundH2O	ug/L		
		2-Butanone	< 5	5	GroundH2O	ug/L		
		Toluene	< 5	5	GroundH2O	ug/L		
		Xylenes, Total	< 5	5	GroundH2O	ug/L		
		Naphthalene	< 5	5	GroundH2O	ug/L		
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L		
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L		
		Sample Date:	16-AUG-94					
		Analysis Date:	28-AUG-94					
L9094-004	R22S UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L		
		Benzene	< 5	5	GroundH2O	ug/L		
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L		
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L		
		Ethylbenzene	< 5	5	GroundH2O	ug/L		
		2-Butanone	< 5	5	GroundH2O	ug/L		
		Toluene	< 5	5	GroundH2O	ug/L		
		Xylenes, Total	< 5	5	GroundH2O	ug/L		
		Naphthalene	< 5	5	GroundH2O	ug/L		
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L		
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L		
		Sample Date:	16-AUG-94					
		Analysis Date:	28-AUG-94					

Chk'd: *Kay* App'd: *DWT*  
Date App'd: 9/29/94

  
**WARZYN**

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Sample #	Description	Test	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-005	E1A UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	28-AUG-94				
L9094-006	G123 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	28-AUG-94				

Chk'd: *Kaf* App'd: *JMT*  
Date App'd: 9/29/94

WARZYN

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Sample #	Description	Test	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-007	E2 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	28-AUG-94				
L9094-008	E2A UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	21	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	28-AUG-94				

Chk'd: (af) App'd: (JW)  
Date App'd: 12/9/94

WARZYN

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

Sample #	Description	Test	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-009	G125 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	29-AUG-94				
L9094-010	G124 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	30-AUG-94				

Chk'd: *Kef* App'd: *JNT*  
Date App'd: *1/29/94*

**WARZYN**

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Sample #	Description	Test	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-011	G127 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	29-AUG-94				
L9094-012	G26S UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	29-AUG-94				

chk'd: *[Signature]* App'd: *[Signature]*  
Date App'd: 9/29/94

**WARZYN**

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

Sample #	Description	Test	Reporting					
			Result	Limit	Matrix	Units	Footnotes	
L9094-013	G260 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L		
		Benzene	< 5	5	GroundH2O	ug/L		
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L		
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L		
		Ethylbenzene	< 5	5	GroundH2O	ug/L		
		2-Butanone	< 5	5	GroundH2O	ug/L		
		Toluene	< 5	5	GroundH2O	ug/L		
		Xylenes, Total	< 5	5	GroundH2O	ug/L		
		Naphthalene	< 5	5	GroundH2O	ug/L		
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L		
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L		
		Sample Date:	16-AUG-94					
		Analysis Date:	29-AUG-94					
L9094-014	G128 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L		
		Benzene	< 5	5	GroundH2O	ug/L		
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L		
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L		
		Ethylbenzene	< 5	5	GroundH2O	ug/L		
		2-Butanone	< 5	5	GroundH2O	ug/L		
		Toluene	< 5	5	GroundH2O	ug/L		
		Xylenes, Total	< 5	5	GroundH2O	ug/L		
		Naphthalene	< 5	5	GroundH2O	ug/L		
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L		
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L		
		Sample Date:	16-AUG-94					
		Analysis Date:	29-AUG-94					

Chk'd: *[Signature]*  
Date App'd: 9/29/94

**WARZYN**

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Sample #	Description	Test	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-029	B13 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	37	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	17-AUG-94				
		Analysis Date:	29-AUG-94				
L9094-030	P6 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	28	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	17-AUG-94				
		Analysis Date:	30-AUG-94				

Chk'd: *[Signature]* App'd: *[Signature]*  
Date App'd: 9/29/94



MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

Sample #	Description	Test	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-031	G113 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	17-AUG-94				
		Analysis Date:	30-AUG-94				
L9094-032	G113A UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	5	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	110	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	17-AUG-94				
		Analysis Date:	30-AUG-94				

Chk'd: *[initials]* App'd: *[initials]*  
Date App'd: 9/29/94

**WARZYN**

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

Sample #	Description	Test	Reporting				
			Result	Limit	Matrix	Units	Footnotes
L9094-033	R110 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	7	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	28	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	13	5	GroundH2O	ug/L	
		Ethylbenzene	6	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	9	5	GroundH2O	ug/L	
		Tetrahydrofuran	38	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	17-AUG-94				
		Analysis Date:	30-AUG-94				
L9094-034	G114 UNFILTERED	Acetone	< 10	10	GroundH2O	ug/L	
		Benzene	< 5	5	GroundH2O	ug/L	
		1,4-Dichlorobenzene	11	5	GroundH2O	ug/L	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	
		2-Butanone	< 5	5	GroundH2O	ug/L	
		Toluene	< 5	5	GroundH2O	ug/L	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	
		Naphthalene	< 5	5	GroundH2O	ug/L	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	
		Sample Date:	17-AUG-94				
		Analysis Date:	30-AUG-94				

Chk'd: *[initials]* App'd: *[initials]*  
Date App'd: 9/29/94

**WARZYN**

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

VOLATILE ORGANIC REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

Sample #	Description	Test	Reporting					
			Result	Limit	Matrix	Units	Footnotes	
L9094-035	BLANK 02 UNFILTERED	Acetone	29	10	GroundH2O	ug/L	(a)	
		Benzene	< 5	5	GroundH2O	ug/L	(a)	
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L	(a)	
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L	(a)	
		Ethylbenzene	< 5	5	GroundH2O	ug/L	(a)	
		2-Butanone	< 5	5	GroundH2O	ug/L	(a)	
		Toluene	< 5	5	GroundH2O	ug/L	(a)	
		Xylenes, Total	< 5	5	GroundH2O	ug/L	(a)	
		Naphthalene	< 5	5	GroundH2O	ug/L	(a)	
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L	(a)	
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L	(a)	
Sample Date:		17-AUG-94						
Analysis Date:		30-AUG-94						
L9094-043	TRIP BLANK 01	Acetone	< 10	10	GroundH2O	ug/L		
		Benzene	< 5	5	GroundH2O	ug/L		
		1,4-Dichlorobenzene	< 5	5	GroundH2O	ug/L		
		cis-1,2-Dichloroethene	< 5	5	GroundH2O	ug/L		
		Ethylbenzene	< 5	5	GroundH2O	ug/L		
		2-Butanone	< 5	5	GroundH2O	ug/L		
		Toluene	< 5	5	GroundH2O	ug/L		
		Xylenes, Total	< 5	5	GroundH2O	ug/L		
		Naphthalene	< 5	5	GroundH2O	ug/L		
		Tetrahydrofuran	< 5	5	GroundH2O	ug/L		
		Isopropyl Toluene	< 5	5	GroundH2O	ug/L		
Sample Date:		17-AUG-94						
Analysis Date:		29-AUG-94						

(a) Acetone was confirmed in a reanalysis.

Chk'd: *[Signature]* App'd: *[Signature]*  
Date App'd: 9/29/94

**WARZYN**

MADISON  
ONE SCIENCE COURT  
P.O. BOX 5385  
MADISON, WI 53705  
(608) 231-4747  
FAX (608) 231-4777

TOTAL ORGANIC HALIDES REPORT  
WINNEBAGO RECLAMATION LANDFILL  
ROCKFORD IL  
Project Number: 55006603

Sample #	Description	Test	Reporting				Footnotes
			Result	Limit	Matrix	Units	
L9094-001	R105 UNFILTERED	Total Organic Halides	0.06	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-002	G111 UNFILTERED	Total Organic Halides	0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-003	G111A UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-004	R22S UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-005	E1A UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-006	G123 UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-007	E2 UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				

Chk'd: *Kaf* App'd: *JMT*  
Date App'd: 9/29/94



MADISON  
 ONE SCIENCE COURT  
 P.O. BOX 5385  
 MADISON, WI 53705  
 (608) 231-4747  
 FAX (608) 231-4777

**TOTAL ORGANIC HALIDES REPORT**  
**WINNEBAGO RECLAMATION LANDFILL**  
**ROCKFORD IL**  
**Project Number: 55006603**

Sample #	Description	Test	Reporting				Footnotes
			Result	Limit	Matrix	Units	
L9094-008	E2A UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-009	G125 UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-010	G124 UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-011	G127 UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-012	G26S UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-013	G26D UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				
L9094-014	G128 UNFILTERED	Total Organic Halides	< 0.03	0.03	GroundH2O	mg/L	
		Sample Date:	16-AUG-94				
		Analysis Date:	26-AUG-94				

Chk'd: *Kef* App'd: *AKT*  
 Date App'd: 9/29/94













WARZYN

Program 3

No 019346

## CHAIN OF CUSTODY RECORD

PROJECT No.		PROJECT NAME 55006603/ <sub>161</sub> Winnebago Reclamation Landfill CITY & STATE Rockford, IL						<p>No. OF CONTAINERS</p> <table border="1" style="margin-left: 20px;"><tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr><tr><td>TDS</td><td>Cl</td><td>NH<sub>3</sub></td><td>TOC</td><td>Boron (confirmed)</td><td>DDT</td><td>Al + Sb (Total)</td></tr></table> <p>GW</p>	X	X	X	X	X	X	X	TDS	Cl	NH <sub>3</sub>	TOC	Boron (confirmed)	DDT	Al + Sb (Total)
X	X	X	X	X	X	X																
TDS	Cl	NH <sub>3</sub>	TOC	Boron (confirmed)	DDT	Al + Sb (Total)																
SAMPLERS (Signature) <i>J. Quach &amp; J. Anthal</i>																						
LAB No.	DATE	TIME	COMP.	GRAB	STATION LOCATION																	
9094-01	8/16/94	1040		X	R105																	
02		1050			G111																	
63		1050			G111A																	
64		1145			R225																	
05		1155			E1A																	
06		1210			G123																	
07		1400			E2																	
68		1420			E2A																	
09		1410			G125																	
010		1440			G124																	
011		1530			G127																	
012		1515			G26S																	
Relinquished by: (Signature) <i>J. Anthal</i>		Date / Time 8-16-94 1800	Received by: (Signature)		Relinquished by: (Signature)		Date / Time	Received by: (Signature)														
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Relinquished by: (Signature)		Date / Time	Received by: (Signature)														
Relinquished by: (Signature)		Date / Time	Received for Laboratory by: (Signature) <i>Randy Meinhof</i>		Date/Time 8-17-94 8:45																	
REMARKS						PROJECT MANAGER: <i>S. Tauschak</i>																

in tact, hard soil, no iron oxide HNO<sub>3</sub> PH 2.2, H<sub>2</sub>SO<sub>4</sub> PH 1.2

WARZYN

Program 3

No 019347

## CHAIN OF CUSTODY RECORD

PROJECT No.		PROJECT NAME		No. OF CONTAINERS								
55006603 /161		Winnebago Reclamation Landfill										
CITY & STATE		Rockford, IL										
SAMPLERS (Signature)									<i>J. Daniels M. R. S. Tauschek</i>			
LAB No.	DATE	TIME	COMP.	GRAB	STATION LOCATION				REMARKS			
9094-013	8/16/94	1530		X	G 26 D		5		Tso 8-4-94			
↓ 014	↓	1610		↓	G 128		5					
24					G 124 - Filtered				/ /			
25					G 127				/ /			
26					G 265				/ /			
27					G 26D				/ /			
✓ 28					G 128				/ /			
Relinquished by: (Signature)			Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
<i>S. Tauschek</i>			8.16-94 1800									
Relinquished by: (Signature)			Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)			Date / Time		Received for Laboratory by: (Signature)				Date / Time			
					<i>Randy Meenly</i>				8.17-94 8:45			
REMARKS												
PROJECT MANAGER: <i>S. Tauschek</i>												

unlabelled, hand del, no id on see, H<sub>2</sub>SO<sub>4</sub> pH 6.2, HNO<sub>3</sub> pH 1.2

GW

## CHAIN OF CUSTODY RECORD

PROJECT No.	PROJECT NAME		No. OF CONTAINERS	REMARKS		
55004603 / 161	Winnebago Reclamation Landfill					
	CITY & STATE Rockford IL.					
SAMPLERS (Signature)						
I.J. Danchuk	M.H. K.	J. H. L.				
LAB No.	DATE	TIME	COMP.	GRAB	STATION LOCATION	
3084013	8/16/94	1530	X		G26D	1 ✓
↓ 014	↓	1610		↓	G128	1 ✓
9084-015			R05 - Filtered			✓ ✓
16					G111 -	✓ ✓
17					G111A -	✓ ✓
18					R225	✓ ✓
19					E1A	✓ ✓
20					G123	✓ ✓
21					E2	✓ ✓
✓ 22					E2A	✓ ✓
✓ 23					G125	✓ ✓
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Relinquished by: (Signature)	
I. H. L.		8-16-94 18:00				
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Relinquished by: (Signature)	
Relinquished by: (Signature)		Date / Time	Received for Laboratory by: (Signature)		Date / Time	
			Pamela M. Tanschek		8-17-94 8:45	
REMARKS						PROJECT MANAGER:
						S. Tanschek

reduced, stored off. mid on ice H2SO4 PHL2, HNO3 PHL2

WARZYN

Program 3

No 019348

## CHAIN OF CUSTODY RECORD

PROJECT No.	PROJECT NAME				No. OF CONTAINERS	REMARKS	
55006603 / 101	Winnebago Reclamation Landfill						
CITY & STATE	Rockford, IL						
SAMPLERS (Signature)						GW	
LAB No.	DATE	TIME	COMP	GRAB	STATION LOCATION		
9094.01	8/16/94	1040		X	R 105	1 ✓	
02		1050			G 111	1	
03		1050			G 111A	1	
04		1145			R 223	1	
05		1155			E 1A	1	
06		1210			G 123	1	
07		1400			E 2	1	
08		1420			E 2A	1	
09		1410			G 125	1	
010		1440			G 124	1	
011		1530			G 127	1	
012	✓	1515	✓	✓	G 26S	1	
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Relinquished by: (Signature)	Date / Time	Received by: (Signature)
<i>J. Tauschek</i>		8-16-94 1800					
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)		Date / Time	Received for Laboratory by: (Signature)		Date / Time	8-17-94 8:45	
<i>Randy M. Endorf</i>							
REMARKS						PROJECT MANAGER:	
						S. Tauschek	

reduced, dried off, re-bentonized, H<sub>2</sub>SO<sub>4</sub> pH 6.2

WARZYN

Program 3

No 019353

## CHAIN OF CUSTODY RECORD

PROJECT No.	PROJECT NAME					No. OF CONTAINERS							
55006603 / 161	Winnebago Reclamation Landfill Rockford IL												
SAMPLERS (Signature)						GW							
T.J. Tauschek	<i>M.R.</i>												
LAB No.	DATE	TIME	COMP.	GRAB	STATION LOCATION		REMARKS						
9054-29	8/17/94	0810		X	B13		1	✓					
30		0820		X	P6		1	✓					
31		0925		X	G113		1	✓					
32		0935		X	G113 A		1	✓					
33		1035		X	R110		1	✓					
34		1040		X	G114		1	✓					
35		1115		X	Blank 02		1	✓					
Relinquished by: (Signature)			Date / Time		Received by: (Signature)		Relinquished by: (Signature)			Date / Time	Received by: (Signature)		
<i>T.J. Tauschek</i>			8-17-94 1600										
Relinquished by: (Signature)			Date / Time		Received by: (Signature)		Relinquished by: (Signature)			Date / Time	Received by: (Signature)		
Relinquished by: (Signature)			Date / Time		Received for Laboratory by: (Signature)					Date/Time			
					<i>Randy Meenky</i>					8-18-94 8:50			
REMARKS													
PROJECT MANAGER:													
<i>S. Tauschek</i>													

*reduced, hand dd, rec'd on recce H2S04PHL2*

WARZYN

Program 3

019343

## CHAIN OF CUSTODY RECORD

PROJECT NO. 15066603		PROJECT NAME Waupaca Recreational Landfill		No. OF CONTAINERS											
CITY & STATE Rockford, WI															
SAMPLERS (Signature) <i>J. H. Hiltl</i>								REMARKS							
LAB No.	DATE	TIME	COMP.	GRAB	STATION LOCATION		No. OF CONTAINERS								
9094-001	7/16/91	10:40		X	E 1-5			1							
2		10:50			G 111			1							
3		10:50			G 111 A			1							
4		10:55			E 22 S			1							
5		11:55			E 1A			1							
6		12:00			G 123			1							
7		12:00			E 2			1							
8		11:30			G 2 A			1							
9		11:30			G 125			1							
10		11:45			G 124			1							
11		11:45			G 127			1							
12		11:45			G 26 S			1							
Relinquished by: (Signature) <i>J. H. Hiltl</i>			Date / Time 8-16-91 18:00		Received by: (Signature) T.A. J. Shabot		Relinquished by: (Signature) <i>T.A. J. Shabot</i>			Date / Time 8-17-91 17:00		Received by: (Signature)			
Relinquished by: (Signature)			Date / Time		Received by: (Signature)		Relinquished by: (Signature)			Date / Time		Received by: (Signature)			
Relinquished by: (Signature)			Date / Time		Received for Laboratory by: (Signature)					Date / Time					
REMARKS SWP to TMA Ex # 8751266284								PROJECT MANAGER: <i>S. Warzynski</i>							
C.O.C. Serial: 9701861 920786															

WARZYN

Program 2

10 019341

## CHAIN OF CUSTODY RECORD

PROJECT NO.		PROJECT NAME		No. OF CONTAINERS								
C00668 / 101		Winnipeg Recreational Landfill										
		Rockford, IL										
SAMPLERS (Signature)												
LAB No.	DATE	TIME	COMP.	GRAB	STATION LOCATION		REMARKS					
2094-013	7/16/94	1:530		X	G 26 D		1	1				
14	↓	10:10		X	G 125		1	1				
29	7/17/94	0810		X	B 13		1	1				
30	1	0820		X	16		1	1				
31	0925			X	G 113		1	1				
32	0935			X	G 113 A		1	1				
33	10:35			X	R 110		1	1				
34	10:40			X	G 111		1	1				
35	↓	11:15		X	R 111 02		1	1				
clinquished by: (Signature)			Date / Time	Received by: (Signature)		Relinquished by: (Signature)			Date / Time	Received by: (Signature)		
T. J. Decker			7-17-94 1:530									
clinquished by: (Signature)			Date / Time	Received by: (Signature)		Relinquished by: (Signature)			Date / Time	Received by: (Signature)		
T. J. Decker												
clinquished by: (Signature)			Date / Time	Received for Laboratory by: (Signature)						Date/Time		
T. J. Decker												

## EMARKS

S11p 10: TMA

ref Cx # 8750366284

C.O.C. Seal: 9209593, 8204506

## PROJECT MANAGER:

T. J. Decker

WARZYN

Program 3

No 019342

## CHAIN OF CUSTODY RECORD

PROJECT No.	PROJECT NAME 55006603 / 161 Winnebago Reclamation Landfill CITY & STATE Rockford, IL					No. OF CONTAINERS (SW 8260 SW + L1xx) VOC's	REMARKS
SAMPLERS (Signature)	J.J. Drahota Mph Pl. T. Henthil						
LAB No.	DATE	TIME	COMP.	GRAB	STATION LOCATION		
8/16/94	1040		X		R 105	2 ✓	
	1050				G 111	2	
	1050				G 111A	2	
	1145				R 225	2	
	1155				E 1 A	2	
	1210				G 123	2	
	1400				E 2	2	
	1420				E 2 A	2	
	1410				G 125	2	
	1440				G 124	2	
	1530				G 127	2	
	1515			↓	G 26 S	2 ↓	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)		
J. Henthil	8-16-94 1800	J.J. Drahota	J. J. Drahota	8-17-94 1500			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)		
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)		
		Tanya Shammes					
REMARKS						PROJECT MANAGER:	
Ship to: IEA Fed Ex # 8750366273						S. Tauschek	
C.O.C. Seals: 9204507, 9204508							

WARZYN

Program 2

No 019344

## CHAIN OF CUSTODY RECORD

PROJECT No.		PROJECT NAME		No. OF CONTAINERS (SUGG 260 SHTK L:5x) VOC's		
55006603 / 161		Winnebago Reclamation Landfill				
CITY & STATE		Rockford, IL				
SAMPLERS (Signature)		<u>J.J. Duseluk</u>				
LAB No.	DATE	TIME	COMP.	GRAB	STATION LOCATION	REMARKS
	8/16/94	1530		X	G26D	✓
		1610		↓	G128	✓
		1600		↓	trip Blank 01	✓
	8/17/94	0810	x		B13	✓
		0820			P6	✓
		0925			G113	✓
		0935			G113A	✓
		1035			R110	✓
		1040			G114	✓
		1115		↓	Blank 02	✓

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
<u>J.J. Duseluk</u>	8-16-94 1800	<u>J.J. Duseluk</u>	<u>J.J. Duseluk</u>	8-17-94 1500	
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	<u>Tania Shammo</u>	Date/Time	

REMARKS  
Ship to: IEA  
Fed Ex # 8750366273

## PROJECT MANAGER:

S. Tauschek

C.O.C. Seals: 9204507, 9204508